BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

Bill of Quantities

Name of work : Improvements to Storm water drain in Ward No.12, in Shettyhalli sub Division

Sl. No	Description of work	Unit	Qty	Sanctioned rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No.-144 I.No-19.1 of KPWD S.R 2018-19) including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work	cum	255.00	211.79	
2	Plain cement concrete of mix 1:3:6 M10 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 etc complete as per specification and direction of Engineer- in-charge.	cum	13.50	5421.9	
3	Providing laying palin / reinforced cement concrete for side Drains using M 20 nominal mix concrete with OPC at 300 kgs with 20 mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering shuttering cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per morth specification No. 1500,1700,2200 including cost of materials, labour, HOM complete as per specification wall and bottom thickness 15 cms complete as per specifications and direction of Engineer- in-charge.	cum	42.30	7070.20	

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	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 . -do- TMT Bars Fe 500 etc complete as per pecification and direction of Engineer incharge	Tonne	2.75	73992.24	
5	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials etc complete as per pecification and direction of Engineer incharge	sqm	99.90	2208.00	

No f Corrections - Nil.

Signature of the Contractor

Executive Engineer,
Dasarahalli Division,

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